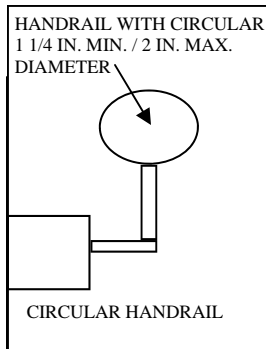




## HANDRAILS

### 2007 CBC— SECTIONS 1009.10 AND 1012

- Handrails are required on stairways having 2 or more risers.
- HCD and SFM amendment. “In group R-3 occupancies, a continuous run of treads or flight of stairs with fewer than four risers does not require handrails”.
- Handrails are permitted on only one side.
- Handrails with a circular cross-section shall have an outside diameter of at least 1.25 inches and not greater than 2 inches, or provide equivalent grasp ability.
- If the handrail is not circular, it shall have a perimeter dimension of at least 4 inches and not greater than 6.25 with a maximum cross-section dimension of 2.25 inches.
- A vertical 2 by 6 handrail is not permitted.

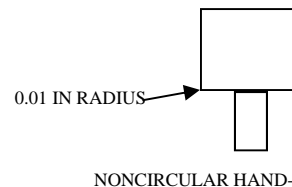


### HANDRAILS

**1012.2 HEIGHT.** Handrail height, measured above stair tread nosing's, or finish surface of ramp slope shall be uniform, not less than 34 inches and not more than 38 inches.

**1012.6 Clearance.** Clear space between a handrail and a wall or other surface shall be a minimum of 1.5 inches. A handrail and a wall or other surface adjacent to the handrail shall be free of any sharp or abrasive elements.

HANDRAIL THAT IS NOT CIRCULAR MUST HAVE A PERIMETER OF 4 IN. MIN 6 1/4 IN MAX WITH A MAXIMUM CROSS SECTION DIMENSION OF 2 1/4 INCHES.



## GUARDS

### 2007 CBC– Section 1013

- Height in all occupancies is to be a minimum of 42 inches.
- A handrail at 34 inches to 38 inches along stairs is permitted to be used as a guard.
- A 4 3/8—inch sphere limitation is permitted at the open sides of the stairs.
- Escape and Rescue Openings.

